

绒粉蚧属一新种记述 (同翅目:蚧总科)

王子清

(中国科学院动物研究所)

本文记述产自我国浙江省余杭县,为害毛竹的绒粉蚧属一新种,取名为皱绒粉蚧。新种的正模和副模标本均保存在中国科学院动物研究所。

皱绒粉蚧 *Eriococcus rugosus* 新种(图 1).

雌成虫 模式标本是老熟虫体,体长达3.5毫米。虫体多为宽卵形,背面宽大向上隆起,而腹面狭小,故虫体向腹面弯曲皱褶状寄生在竹枝叉间。虫体外被白色致密表面平滑的毡状蜡囊所覆盖。触角短小,共分6节,其中第1节呈扁环状,第2和3节短而粗,第4和第5节略似扁环,顶端节基部宽,顶端突出,其上生有粗细不同的5根感觉毛。喙发达,二节。二对胸气门粗筒状,且较硬化。足较短小。跗节显著长于胫节,跗冠毛细长,其顶端略呈球形。爪之下表面具一小齿,爪冠毛细,长于爪,其顶端略呈球形。体缘刺明显大于背面体刺。缘刺呈长圆锥形,其顶端较尖锐,大小亦近相同。沿体缘背和腹面交接处呈单列分布,第2至7腹节的缘刺列具2—4根刺,其中第7和第6节多为2根刺,第5节具3根刺,第4至第2节常各具4根刺,刺的排列方式是2、2、3、4、4、4。但个别虫体亦有2、2、2、3、4、4或2、2、3、3、4、4或2、3、3、4、4、4,甚至偶见缘刺数目呈左右不对称的分布者。在虫体背面其他部位有稀疏大小不同的小体刺。臀瓣小而全部硬化,其上生有细长的刺3根。在臀瓣基部之

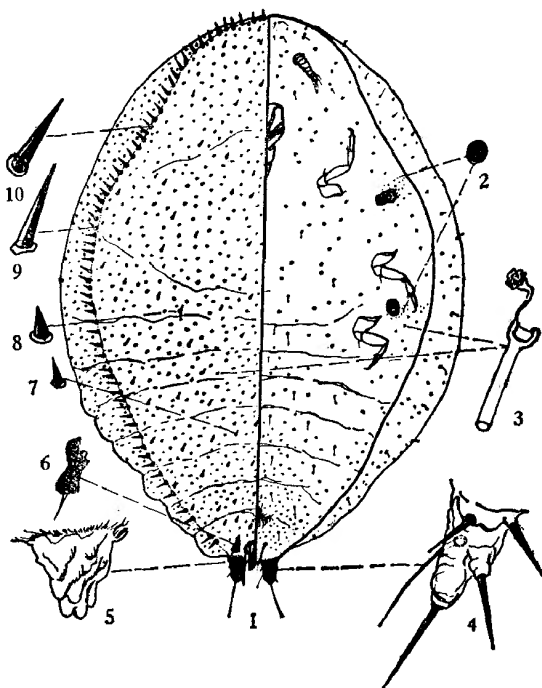


图1 皱绒粉蚧 *Eriococcus rugosus* sp. nov. 整体及特征图。

2.五孔腺 3.管状腺 4.臀瓣 5.尾片 6.臀瓣上方
硬化片及小刺 7和8小体刺 9和10体缘刺

间有一小而明显硬化的尾片。五孔腺分布在虫体腹面,在腹部末端较为密集,在胸气门附近多成群分布。管状腺之大小近似相同,在背和腹两面均有分布,只是背面分布数量多,腹面分布数量少。肛环具 8 根肛环刺。虫体背面臀瓣上方有一硬化片,硬化片靠近臀瓣侧端生有一小刺。虫体腹面具有长短不一的体毛。

正模♀,副模 4 ♀♀,浙江余杭。1981. III. 28. 徐天森。寄主毛竹 (*Phyllostachys pubescens* Mazel ex H. de Lehaie)

本新种显然类似 *E. pseudinsignis* (Green), 其主要区别是: 触角 6 节; 臀瓣基部之间有一小硬化的尾片; 第 2—7 腹节具 2—4 根缘刺及其缘刺的排列。

A NEW SPECIES *ERIOCOCCUS* FROM ZHEJIANG, CHINA (HOMOPTERA: COCCOIDEA)

WANG TZE-CHING

(Institute of Zoology, Academia Sinica)

This paper describes a new species of the genus *Eriococcus*, collected from *Phyllostachys pubescens* Mazel ex H. de Lehaie at Yuhang Xian in Zhejiang Province, China. The holotype and paratype are preserved in Institute of Zoology, Academia Sinica.

Eriococcus rugosus sp. nov.

Adult female: The type series is represented by old adult female, length of mounted specimens, on slide, attaining almost 3.5 mm, broadly oval in outline. Antennae short, six joints. Thoracic spiracles sclerotized. Legs short, claw with a distinct tooth. Marginal setae distinctly larger than the dorsal setae. Marginal row on the 2—7 abdominal segments carries 2—4 setae. Anal lobes small and sclerotized throughout. Between base of the anal lobes is a small sclerotized cauda. Anal ring with eight setae.

Holotype. Adult ♀. Yuhang Xian, Zhejiang Province, China. March 28, 1981. on *Phyllostachys pubescens* Mazel ex H. de Lehaie, by Xu Tian-shen.

Paratype. Four adult ♀. Data same as holotype.

This new species is evidently close to *E. pseudinsignis* (Green), but differs from the latter by the following characters: Antennae six joints. Between bases of the anal lobes is a small, sclerotized cauda. Marginal row on the 2—7 abdominal segments carries 2—4 setae and arrangement of the marginal setae is different.